SOUTHEAST SUPERIOR UNITED STATES WYOMING-SWEETWATER CO. DEPARTMENT OF THE INTERIOR PLATE 8 OF 17 7.5 MINUTE SERIES (TOPOGRAPHIC) **GEOLOGICAL SURVEY** 108°52′30″ 41°52′30″ 108°45′ 41°52′30″ 47'30" R 101 W R 100 W EXPLANATION 16 15 14 18 17 17 ____200_____ OVERBURDEN ISOPACHS - Showing thickness of overburden, in feet, from surface to top of coal bed. Dashed where vertical accuracy possibly not within 40 feet. Isopach interval is 100 feet (31 m). 20 19 24 20 21 22 23 DRILL HOLE - Showing thickness of overburden, in feet, from surface to top of coal bed. MINING-RATIO CONTOUR - Number indicates cubic yards of overburden per ton of recoverable coal by surface mining methods. Contours shown only in areas underlain by coal of Reserve Base thickness within the stripping-limit (in this quadrangle, the 200-foot-overburden isopach). La - Lance, undifferentiated Al - Almond, undifferentiated COAL BED SYMBOLS AND NAMES - Coal beds 29 25 30 29 27 28 identified by bracketed numbers are not formally named, but are numbered for identification purposes in this quadrangle only. — La[3] — TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed as listed above. Short dashed where inferred by present authors. TRACE OF FAULT - Bar and ball on downthrown side when direction of movement is known. Dashed where inferred or approximately located. 32 32 36 33 34 31 To convert feet to meters, multiply feet by 0.3048. To convert mining ratio to cubic meters of overburden per metric ton of recoverable coal, multiply mining ratio by 0.8428. T.22 N. T.22 N. T.21 N. T.21 N. Overburden isopach and mining ratio map of the La[3] coal bed 11 NOTE: Overburden isopachs are not drawn beyond those because of insufficient data. 17 18 15 17 47'30" 47'30"-23 24 19 20 21 20 28 26 Overburden isopach and mining ratio map of the A1[3] coal bed 41°52′30″ 108°37′30″ 47'30" R.101W. R.100W. 108°45′ Compiled in 1977/1978 Base from U.S. Geological Survey, 1958 SCALE 1:24 000 6000 · 7000 FEET This report has not been edite. for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature. WYOMING QUADRANGLE LOCATION COAL RESOURCE OCCURRENCE MAP OF THE SOUTHEAST QUARTER OF THE SUPERIOR

15-MINUTE QUADRANGLE, SWEETWATER COUNTY, WYOMING

BY

DAMES & MOORE

1979

PLATE 8

OVERBURDEN ISOPACH AND MINING RATIO MAPS OF THE LANCE [3] AND ALMOND [3]

COAL BEDS

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